Department of
Financial & Management Services

York County
VIRGINIA
America's Future Since 1781

Central Purchasing

T. W. Sawyer, CPPO
Purchasing Agent

April 14, 2014

ADDENDUM NO. 1 - TO ALL BIDDERS

Reference Invitation for Bid **(IFB) No. 1905**

Title: To Expand Bus and Vehicle Parking at Tabb Middle School

Dated: March 20, 2014
Date Due: ~~April 17, 2014~~ @ 3:30pm
Revised New Due Date: April 22, 2014 @ 3:30pm

All other terms and conditions remain the same.

See attached pages; and drawings posted on the website. (www.yorkcounty.gov/purchasing)

Note: A signed acknowledgment of this addendum must be received by this office either prior to the due date or attached to your bid. Signature on this addendum does not constitute your signature on the original document. The original document must be signed also.

Sincerely,
Victor Robinson
Victor Robinson - Buyer

_____
Name of Firm

_____
Signature/Title

_____
Date

NIGP Member

Email: tsawyer@yorkcounty.gov

120 Alexander Hamilton Blvd. • PO Box 532 • Yorktown, Virginia 23690-0532 • (757) 890-3680
TDD (757) 890-3300

Construction: Expand Bus and Vehicle Parking at Tabb Middle School

IFB 1905 Pre-Bid Meeting Attendees 4/3/2014 at 10:00 a.m.

Contractor	Name	E-mail Address	Phone #	Fax #
J. S. G. Corporation	Michael Mullins	michael.mullins@jsgcorp.com	757-645-4870	757-645-4860
Basic Construction	Lisa Williams	lisa@basicconstructionco.com	757-249-3789	757-249-2229
Bay Electric Co., Inc.	Lori Oliver	lori.oliver@bayelectricco.com	757-595-2300	757-595-6112
D. F. Lentz Electric	Bill Hurst	dflentzelectric-bill@yahoo.com	757-244-2788	757-244-4776
Pembroke Construction	Eric Hodson	ehodson@pembrokeconstruction.com	757-722-2591	757-722-1808
Prism	David Reaves	dreaves@prismco.com	757-874-5670	757-874-5611
Prism	Michelle Krewinghaus	mkrewinghaus@prismco.com	757-874-5670	757-874-5671
Dagan Electric Company	David Williams	david@daganelectric.com	757-689-4152	757-689-8482
David A. Nice Builders, Inc.	Warren Hunnicutt	whunnictt@davidnicebuilders.com	757-903-6968	757-566-4686
Manley Landscapring	Jerry Manley	manley_landscaping@cox.net	757-543-6048	757-543-6048
Branscome	Jim Durrette	durrettej@branscome.com	757-592-7612	757-220-2865
York County Central Purchasing	Victor Robinson	victor.robinson@yorkcounty.gov	757-890-3682	
York County Schools	Mark Tschirhart	mtschirhart@ycsd.york.va.us	757-876-8681	

Notes:

- Bid due date has been changed to April 22,2014
- Contractor shall video tape the site conditions before delivering any materials or starting any construction to verify existing conditions
- Parking at this school is at a premium during the school year, it is vital that parking spots are not blocked by contractors or materials
- Typical Tabb Middle School hours are from 8:00 AM to 2:45 PM
- Contractor should expect heavy use of the ball fields behind the school after school hours and during weekends until June 16, 2014
- Ball fields are not scheduled to be used after June 16, 2014
- Limited access to the site will be permitted after contract is signed and “Notice to Proceed” is issued by the Owner’s representative with full access after June 16, 2014
- All school buses will be relocated offsite after June 12, 2014
- Only main office staff and custodians are expected at the school over the summer

Lighting:

- Power for parking lot on the West side of the building shall be feed from existing electrical panel BL in the electrical room on the West side of the school building (see attached school drawing) Existing conduit currently supplying power to the trailer may be used by the contractor to supply power to the new lights.
- Power for parking lot on the East side of the building shall be feed from existing electrical panel MDP in the electrical room on the East side of the school building (see attached school drawing)
- Contractor shall supply and install new breakers for the lighting in each electrical panel
- All lighting shall be 277 VAC
- All light poles should be aluminum
- All light fixtures and poles should be dark bronze
- The correct light fixtures and poles are reflected on the JJM drawings sheet 1 and 2
- The (10) Type A-Cooper VTS-B04-LED-E1-T4-BZ and (8) Type B-Cooper VTS-B05-LED-E1-5MQ-BZ fixtures and (10) Type A-HAPCO RSA20B6-4-BM and (2) Type B-HAPCO RSA20D6-4-BM poles are "No Substitution"
- The correct number of light fixtures are reflected on the attached JJM drawings

Construction:

- Trees on the West side of the school can be cut down and removed as soon as the "Notice to Proceed" is issued during weekends or after school hours only
- Excavation of the area behind the existing parking lot to the West of the school and back filling with base materials may begin before June 16, 2014
- Excavation of the bio-retention areas and installation of bio-retention media may occur before June 16, 2014
- No site work can occur from May 15 to June 4, 2014 due to SOL school testing
- Contractor may deliver materials to the site before June 16th after coordinating storage location with the owner and providing owner 24 hour advance notification
- Any material delivered to the site must be protected and fenced off by the contractor
- Asphalt parking and roadway to the West of the school cannot be removed until June 13, 2014
- Removal of the asphalt parking to the East of the school cannot commence until June 16, 2014

Cooper Lighting
Customer First Center
1121 Highway 74 South
Peachtree City, GA 30269
T: (770) 486-4800
www.cooperlighting.com

News Release

Contact: Karin Martin, Karin Martin Communications
(630) 513-8625
Kmartin41@aol.com

Cooper Lighting Introduces McGraw-Edison Ventus Outdoor LED Area Luminaire

Energy-saving lighting fixture sets benchmark for optical performance and versatility.

PEACHTREE CITY, GA, July 15, 2010 – Cooper Lighting, a division of Cooper Industries, Ltd. (NYSE: CBE), has introduced the McGraw-Edison Ventus, an outdoor LED area luminaire offering unmatched optical performance and versatility with superior light quality. Incorporating Cooper Lighting's patent pending modular LightBAR™ technology and patented AccuLED Optics™ system, the LED luminaires' unique application-specific design allows lumen and energy output to be customized to fulfill the exact needs of the outdoor space—eliminating wasted energy, obtrusive spill light and over-lighting of spaces. In both performance and construction, the Ventus LED Area Luminaire is optimized to deliver uniform and energy-conscious illumination to parking lots, building areas, roadways, and security lighting application, and can provide up to 75% in energy savings over traditional High Intensity Discharge (H.I.D.) outdoor sources.

Cooper Lighting's patented AccuLED Optics™ system provides shaped distributions and scalability to meet exact application requirements. The Ventus luminaire is offered in two to twelve IP66 rated LightBAR™ system configurations with a choice of 15 unique optical distributions including a family of proprietary Spill Light Eliminator optics. The Spill Light Eliminator optics drastically reduce spill light from behind the luminaire and redirect light to the task surface resulting in increased task efficacy. With efficiencies as high as 95%, AccuLED Optics™ technology is up to 30% more efficient than traditional H.I.D. optical systems. Producing even, uniform illumination, the Ventus luminaire provides a benchmark warm white light of 4000K correlated color temperature (CCT) with no sacrifice in lumen output or lighting performance. With typical LED outdoor area products standardized on a cold blue color temperature (6000-6500K CCT), the Ventus luminaire provides specifiers and end-users a preferred color choice similar to a ceramic metal halide lamp.

-More-

Cooper Lighting's LightBAR™ technology provides energy savings between 30-75% over standard H.I.D. systems while providing 50,000+ hour rated life, which is six times longer than traditional metal halide sources found in most outdoor commercial applications. Bi-level switching options allow further energy savings while still maintaining lighting uniformity levels.

Featuring rugged, die-cast and extruded aluminum construction, the Ventus luminaire's unique design allows for passive cooling and natural cleaning of the extruded heat sink ensuring reliable operation in -30°C to 40°C ambient environments. The luminaire is Dark Sky Compliant solving the public concern of both light trespass and sky glow/light pollution.

The McGraw-Edison Ventus LED Area Luminaire is backed by a five-year warranty.

For additional information, visit www.cooperlighting.com/led or email TalkToUs@CooperIndustries.com.

About Cooper Lighting

Cooper Lighting, a subsidiary of Cooper Industries plc (NYSE: CBE), is the leading provider of innovative, high quality interior and exterior lighting fixtures and related products to worldwide commercial, industrial, retail, institutional, residential and utility markets. As lighting technologies have advanced over the years, Cooper Lighting has been at the forefront of the industry in helping businesses and communities leverage the latest technologies to improve efficiency, reduce costs and enrich the quality of the environment. For more information, visit www.cooperlighting.com.

About Cooper Industries

Cooper Industries plc (NYSE: CBE) is a global manufacturer with 2009 revenues of $5.1 billion. Founded in 1833, Cooper's sustained level of success is attributable to a constant focus on innovation, evolving business practices while maintaining the highest ethical standards, and meeting customer needs. The Company has seven operating divisions with leading market share positions and world-class products and brands including: Bussmann electrical and electronic fuses; Crouse-Hinds and CEAG explosion-proof electrical equipment; Halo and Metalux lighting fixtures; and Kyle and McGraw-Edison power systems products. With this broad range of products, Cooper is uniquely positioned for several long-term growth trends including the global infrastructure build-out, the need to improve the reliability and productivity of the electric grid, the demand for higher energy-efficient products and the need for improved electrical safety. In 2009, sixty-one percent of total sales were to customers in the industrial and utility end-markets and thirty-nine percent of total sales were to customers outside the United States. Cooper has manufacturing facilities in 23 countries as of 2009. For more information, visit the website at www.cooperindustries.com.

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TYPE A

COOPER Lighting

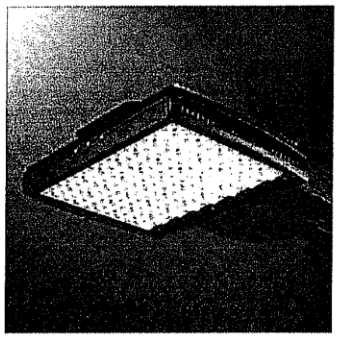
Photometric Toolbox

IES ROAD REPORT
PHOTOMETRIC FILENAME : VTS-B04-LED-E1-T4.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA LM-63-2002
[TEST]P88284
[MORE]REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P21447)
[TESTLAB]Innovations Center P2
[ISSUEDATE]7/22/2011
[MANUFAC] COOPER LIGHTING - McGRAW-EDISON
[LUMCAT]VTS-B04-LED-E1-T4
[LUMINAIRE]VENTUS LED SITE LUMINAIRE
[MORE](4) LIGHTBARS WITH AccuLED OPTICS - TYPE 4
[_ABSOLUTE]DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED
[MORE]ABSOLUTE PHOTOMETRY IS BASED ON CALIBRATION FACTORS
[MORE]CREATED USING LAB LUMEN STANDARDS IN GONIOPHOTOMETER
[MORE]WITH TEST DISTANCE OF 28.75 FEET
[_ABSOLUTELUMENS]8877

CHARACTERISTICS



IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8877
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	95
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5754.3
Maximum Candela Angle	47.5H 65V
Maximum Candela (<90 Degrees Vertical)	5754.3
Maximum Candela Angle (<90 Degrees Vertical)	47.5H 65V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1042.5 (11.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT
PHOTOMETRIC FILENAME : VTS-B04-LED-E1-T4.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	559.1	N.A.	6.3
FM - Front-Medium (30-60)	2988.7	N.A.	33.7
FH - Front-High (60-80)	3223.6	N.A.	36.3
FVH - Front-Very High (80-90)	145.9	N.A.	1.6
BL - Back-Low (0-30)	524.9	N.A.	5.9
BM - Back-Medium (30-60)	889.4	N.A.	10.0
BH - Back-High (60-80)	486.6	N.A.	5.5
BVH - Back-Very High (80-90)	58.6	N.A.	0.7
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	8876.8	N.A.	100.0
BUG Rating	B2-U0-G2		

TYPE B

COOPER Lighting

Photometric Toolbox

IES ROAD REPORT
PHOTOMETRIC FILENAME : VTS-B05-LED-E1-5MQ.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA LM-63-2002
[TEST]P88770
[MORE]REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (P21243-R2)
[TESTLAB]Innovations Center P2
[ISSUEDATE]7/22/2011
[MANUFAC] COOPER LIGHTING - McGRAW-EDISON
[LUMCAT]VTS-B05-LED-E1-5MQ
[LUMINAIRE]VENTUS LED SITE LUMINAIRE
[MORE](5) LIGHTBARS WITH AccuLED OPTICS - TYPE 5 SQUARE MEDIUM
[_ABSOLUTE]DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED
[MORE]ABSOLUTE PHOTOMETRY IS BASED ON CALIBRATION FACTORS
[MORE]CREATED USING LAB LUMEN STANDARDS IN GONIOPHOTOMETER
[MORE]WITH TEST DISTANCE OF 28.75 FEET
[_ABSOLUTELUMENS]11928

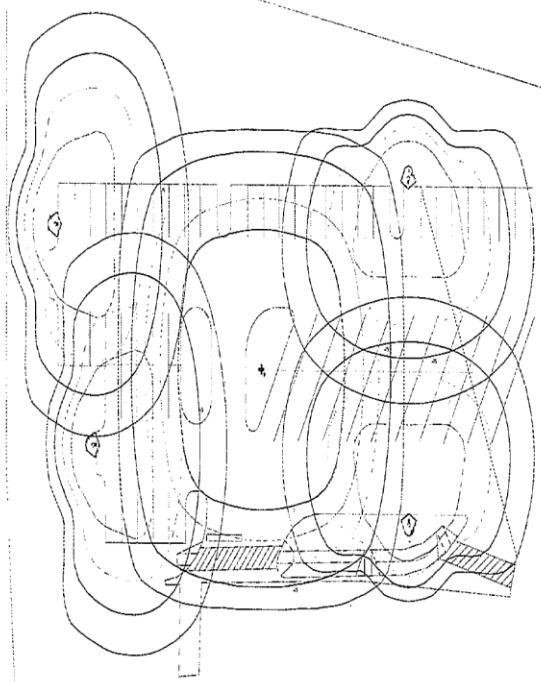
CHARACTERISTICS

IES Classification	Type VS
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	11928
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	96
Total Luminaire Watts	124
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	5383.7
Maximum Candela Angle	45H 65V
Maximum Candela (<90 Degrees Vertical)	5383.7
Maximum Candela Angle (<90 Degrees Vertical)	45H 65V
Maximum Candela At 90 Degrees Vertical	0 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	428 (3.6% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT
PHOTOMETRIC FILENAME : VTS-B05-LED-E1-5MQ.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	436.4	N.A.	3.7
FM - Front-Medium (30-60)	2688.0	N.A.	22.5
FH - Front-High (60-80)	2746.3	N.A.	23.0
FVH - Front-Very High (80-90)	93.2	N.A.	0.8
BL - Back-Low (0-30)	436.4	N.A.	3.7
BM - Back-Medium (30-60)	2688.0	N.A.	22.5
BH - Back-High (60-80)	2746.3	N.A.	23.0
BVH - Back-Very High (80-90)	93.2	N.A.	0.8
UL - Uplight-Low (90-100)	0.0	N.A.	0.0
UH - Uplight-High (100-180)	0.0	N.A.	0.0
Total	11927.8	N.A.	100.0
BUG Rating	B4-U0-G2		



Luminaire Schedule					
Symbol	Qty	Label	Arrangement	Description	Tag
+	4	VTS-804-LED-E1-T4	SINGLE	VENTUS LED, TYPE 4 DISTRIBUTION	A
	1	VTS-805-LED-E1-5MQ	4 @ 90 DEGREES	VENTUS LED, TYPE 5 DISTRIBUTION	B

GREEN LINE INDICATES
THE PROPERTY LINE OF
TABB MIDDLE SCHOOL

JJM ASSOCIATES, INC.

AGI32 lighting software

#	Date	Comments

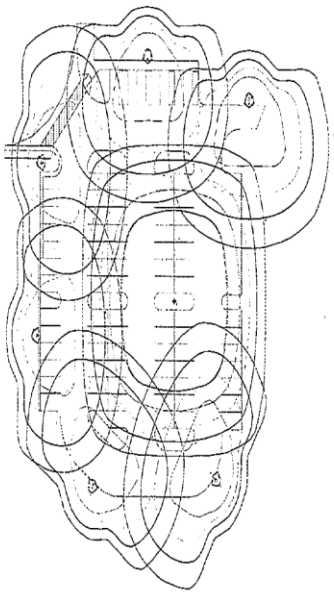
Revisions

Drawn By:
Checked By:
Date: 4/9/2014
Scale:

TABB MIDDLE SCHOOL

PARTIAL PARKING LOT PLAN - EAST

Luminaire Schedule					
Symbol	Qty	Label	Arrangement	Description	Tag
	6	VTS-B04-LED-E1-T4	SINGLE	VENTUS LED, TYPE 4 DISTRIBUTION	A
	1	VTS-B05-LED-E1-5MQ	4 @ 90 DEGREES	VENTUS LED, TYPE 5 DISTRIBUTION	B



GREEN LINE INDICATES
THE PROPERTY LINE OF
TABB MIDDLE SCHOOL

AG32 lighting software
www.ag32.com

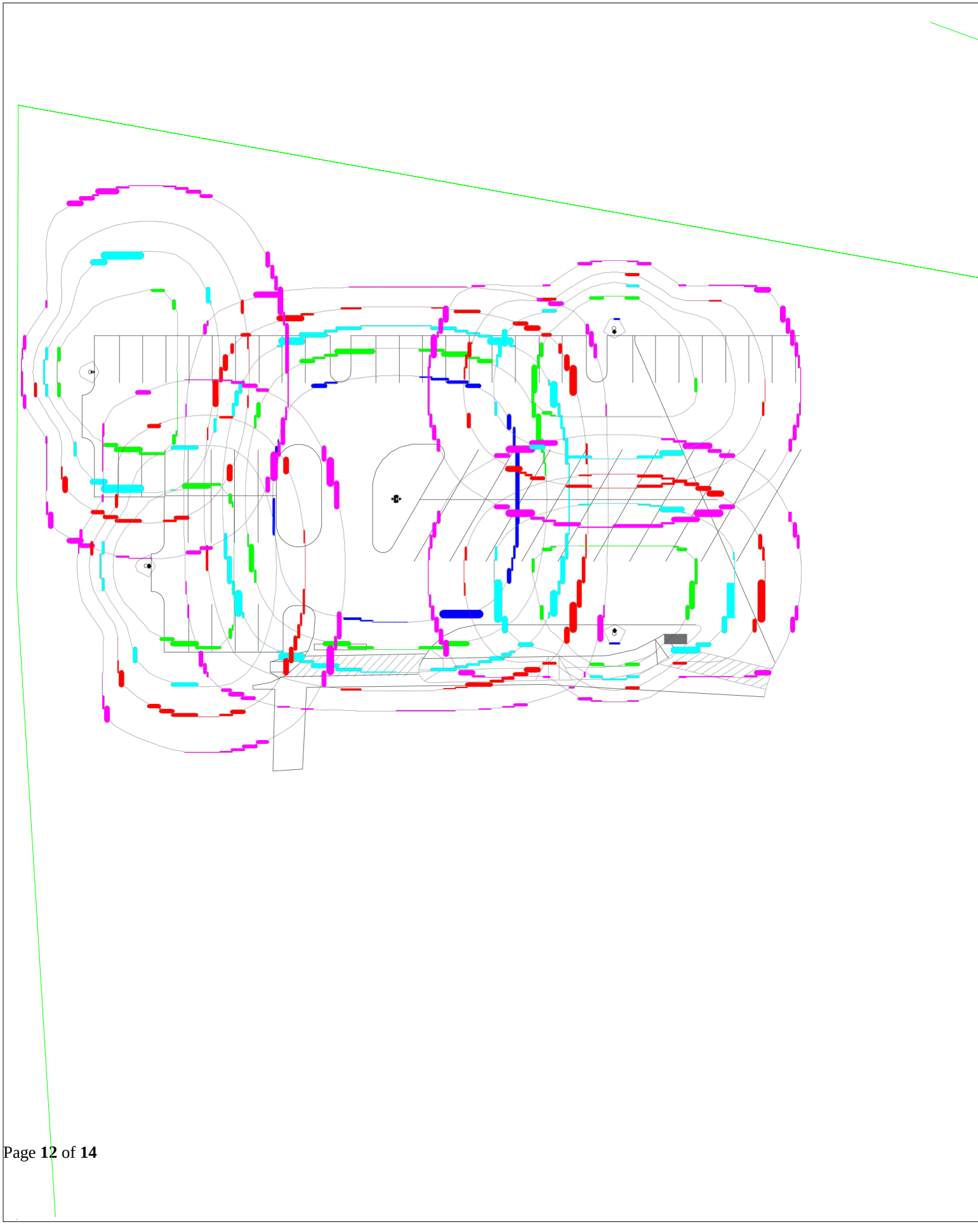
Revisions

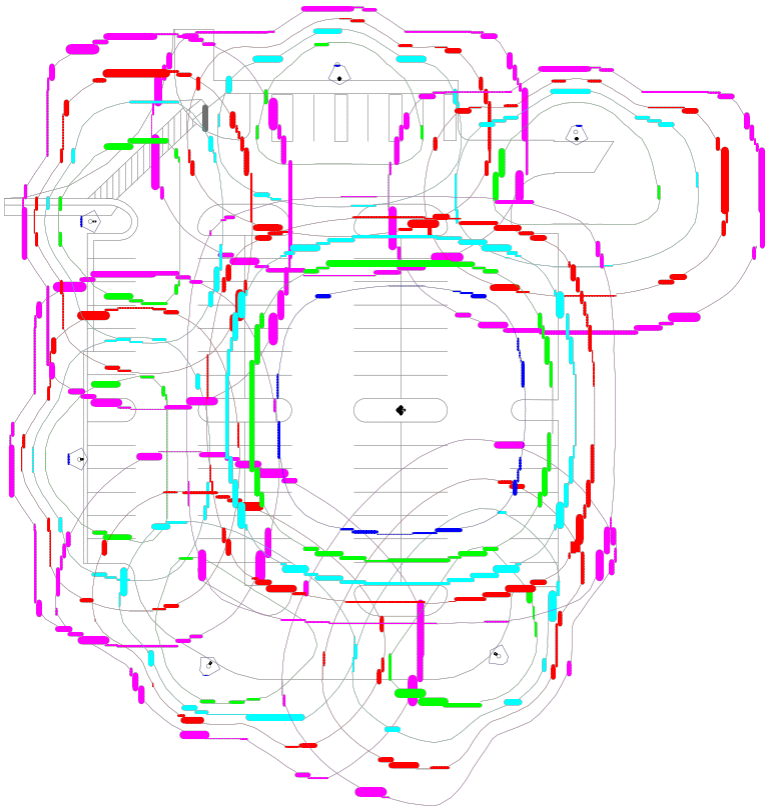
#	Date	Comments

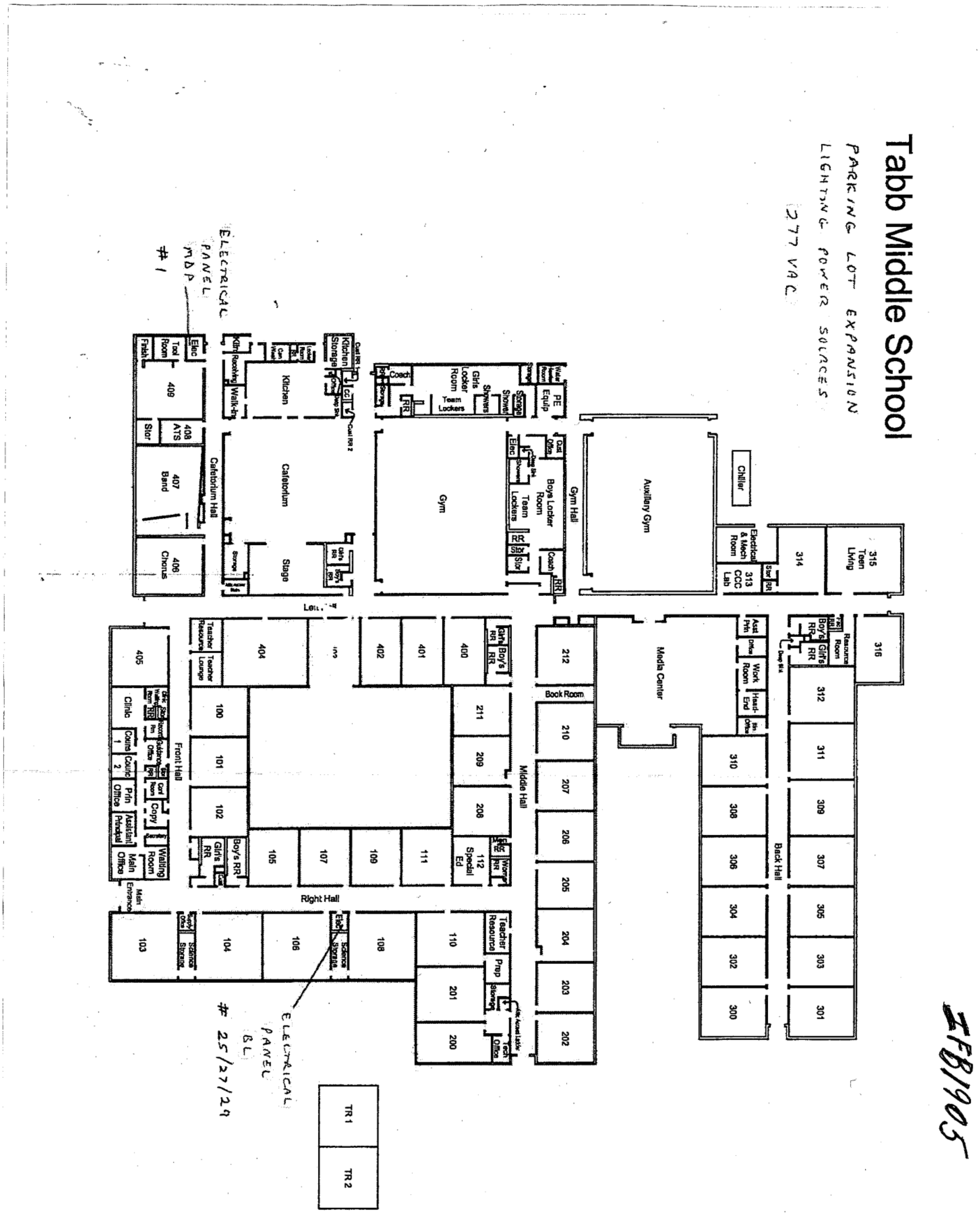
Drawn By:
Checked By:
Date: 4/9/2014
Scale:

TABB MIDDLE SCHOOL

PARTIAL PARKING LOT PLAN - WEST






Tabb Middle School
PARKING LOT EXPANSION
LIGHTING POWER SOURCES
277 VAC
ELECTRICAL PANEL MDP #1
ELECTRICAL PANEL BL # 25/27/29
IFB1905
Kitchen
Cafetorium
Cafetorium Hall
Stage
Gym
Gym Hall
Auxiliary Gym
Chiller
Girls Locker Room
Team Lockers
Boys Locker Room
PE Equip
Media Center
Book Room
Front Hall
Middle Hall
Back Hall
Right Hall
Main Entrance
Clinic
Waiting Room
Main Office
Assistant Principal
Prin Office
Copy
Teacher Resource
Teacher Lounge
409
408 ATS
407 Band
406 Chorus
405
404
402
401
400
100
101
102
103
104
105
106
107
108
109
110
111
112 Special Ed
200
201
202
203
204
205
206
207
208
209
210
211
212
300
301
302
303
304
305
306
307
308
309
310
311
312
313 CCC Lab
314
315 Teen Living
316
Electrical & Mech Room
Work Room
Asst Prin
TR1
TR2